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(54) Title: IN-VIVO SENSING DEVICE WITH DETACHABLE PART

(57) **Abstract:** A device and system for in-vivo sensing having a relatively heavy part and a relatively light part such that the heavy and light part may be temporarily attached in-vivo. Detachment of the heavy part may be provided at a predetermined location along a body lumen. The light part upon detachment of the heavy part may for example float within a body lumen.